

THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: DUCOTEY JR. ET AL.

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) EXAMINER: I. Cuda-Rosenbaum

TITLE: Method For Repairing An Apertured
Gas Turbine Component

) GROUP ART UNIT: 3726

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AMENDMENT

CERTIFICATE OF FACSIMILE
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I hereby certify that this paper
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KAREN MALATESTA

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Washington, D.C. 20231Karen Malatesta 1.7.03
Signature Date

Sir:

This amendment is in response to the Office Action dated July 24, 2002 and is being faxed to the Examiner at 703-308-7058. Applicants wish to amend the application as set forth, in clean form, below. A version of the amendments with markings to show changes made appears as Exhibit "A."

IN THE CLAIMS

Kindly amend claim 1, as follows, in re-written "clean" form:

1. (Amended/Marked Up) A method for repairing defects in an article, the article comprising a substrate and an existing coating on a surface of the substrate, the article including a first plurality of cooling holes extending from the substrate and the existing coating and having a predetermined air flow requirement, the plurality of cooling holes having an outer shaped portion and an inner metering portion, the method comprising:

- removing the existing coating;
- recoating the surface of the article with a nonoriginal coating;
- providing an electrode for electrical discharge machining; wherein the electrode having only a shaped portion with a preselected shape;